

**OPTICAL CONNECTOR ADAPTER FOR INTERFACING
SINGLE OR MULTICHANNEL WAVEGUIDE DEVICES
TO FIBER AND METHOD OF FORMING SAME**

Abstract of the Disclosure

5 An optical connector adapter advantageously
interfaces waveguide devices using passive alignment. The
connector adapter includes a substrate for transporting
optical signals and having opposing ends and a top
reference surface and single side reference surface. A
carrier bracket is received over the top reference surface
at either end and includes substrate alignment fiducials
for aligning the top and side reference surfaces. A
10 substrate carrier receives the substrate and carrier
bracket as a subassembly and has carrier alignment
fiducials for aligning to the side reference surface and
top reference surface and interfacing a waveguide device.